

UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new nonprovisional applications under 37 CFR 1.53(b))

22278 U.S. PTO
10/687172

101603

Docket No. : 51397/LTR/B600
Inventor(s) : Thuji S. Lin, Tian-Min Liu, Stephen E. Krafft
Title : PHASE DETECTORS IN CARRIER RECOVERY FOR OFFSET
QAM AND VSB
Express Mail Label No. : EV351236560US\

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 16, 2003

1. **FEE TRANSMITTAL FORM** (*Submit an original, and a duplicate for fee processing*).

2. IF A CONTINUING APPLICATION

This application is a continuation of patent application No. 10/288,833.

Prior application information: Examiner Young Toi Tse; Group Art Unit: 2634.

This application claims the benefit of Provisional Application No. pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4).

3. APPLICATION COMPRISED OF

Specification

54 Specification, claims and Abstract (total pages)

Drawings

16 Sheets of formal drawing(s) (FIGS. 1 to 25)

Declaration and Power of Attorney

Newly executed

Unexecuted declaration

Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

4. **Microfiche Computer Program (Appendix)**

5. **Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)**

Computer Readable Copy

Paper Copy (identical to computer copy)

Statement verifying identity of above copies

6. **APPLICANT(S) STATUS UNDER 37 CFR §1.27**

Applicant(s) and any others associated with it/them under §1.27(a) are a SMALL ENTITY



23363

PATENT TRADEMARK OFFICE

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7. ALSO ENCLOSED ARE

Request and Certificate under 35 U.S.C. §122(b)(2)(B)(i) **Request for Non-Publication**

Preliminary Amendment

Includes "Cross-Reference to Related Applications"

A Petition for Extension of Time for the parent application and the required fee are enclosed

An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed

This application is owned by Broadcom Corporation pursuant to an Assignment recorded at Reel 010460, Frame 0903

Information Disclosure Statement (IDS)/PTO/SB/08A/B

Copies of IDS Citations

Certified copy of Priority Document(s) (*if foreign priority is claimed*)

English Translation Document (*if applicable*)

Return Receipt Postcard (MPEP 503) (should be specifically itemized).

Other: Information Disclosure Statement for a Continuing Non-CPA Application; Form PTO/SB/08A/B

8. CORRESPONDENCE ADDRESS

CHRISTIE, PARKER & HALE, LLP, P.O. BOX 7068, PASADENA, CA 91109-7068
Customer Number: 23363

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

LeRoy T. Rahn
Reg. No. 20,356
626/795-9900

**FEE TRANSMITTAL
UTILITY PATENT APPLICATION**

DATE: October 16, 2003

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Title : PHASE DETECTORS IN CARRIER RECOVERY FOR OFFSET QAM AND
VSB Duplicate __

FEE DETERMINATION

CLAIMS AS FILED					
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	FEE
TOTAL CLAIMS	5 - 20	= 0	0 x \$9.00	0 x \$18.00	0
INDEPENDENT CLAIMS	1 - 3	= 0	0 x \$43.00	0 x \$86.00	0
MULTIPLE-DEPENDENT CLAIMS FEE			\$145.00	\$290.00	0
BASIC FEE			\$385.00	\$770.00	770
					TOTAL FILING FEE \$770
List Independent Claims: 1					

METHOD OF PAYMENT

Payment Enclosed: Check for \$770.

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. A **duplicate copy of this sheet is enclosed**.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

LeRoy T. Rahn
Reg. No. 20,356
626/795-9900

LTR/amb